

ABSTRACT OF THE INVENTION

A system for assisting physically challenged users in operating at least one device comprising a frame, at least one user operable switch lever mounted to the frame and having a generally large activation region, and at least one switch operatively connected between the at least one switch lever and the at least one device, and for energizing the at least one device. A tensioning device applies tension to the at least one switch lever, for holding the at least one switch lever under tension in a first position, but allowing the at least one switch lever to be moved by the user into a second position to energize the at least one device upon the user applying a force to the at least one switch lever in an opposite direction of the tension that exceeds the tension applied by the tensioning device, and for returning the at least one switch lever to the first position. Also included is a switch range adjuster for adjusting the at least one switch lever's range of motion between the first position and the second position.